

WHAT IS CLAIMED IS:

1. A computer system, comprising:
a liquid crystal display for displaying an image signal processed according to a command
signal from a central processing unit;
a clock generator for generating a clock signal for transmitting the command signal;
a graphic processing unit for converting the image signal provided from at least one of said
central processing unit and a memory into a signal accommodating display on said liquid crystal
display; and
a spread spectrum unit, provided between said graphic processing unit and said liquid crystal
display, for modulating a frequency of the clock signal from said clock generator within a
predetermined frequency range.

2. The computer system of claim 1, further comprising a liquid crystal display
transmitter for transmitting the image signal to said liquid crystal display, the spread spectrum unit
being arranged between said graphic processing unit and said liquid crystal display transmitter, and
being installed on a clock signal line for transmitting the clock signal.

3. The computer system of claim 2, said spread spectrum unit modulating the frequency
of the clock signal by linearly increasing or decreasing the frequency of the clock signal.

4. The computer system of claim 1, said spread spectrum unit being integrally formed

with either one of said graphic processing unit and said liquid crystal display transmitter.

5. The computer system of claim 1, further comprising a liquid crystal display transmitter for transmitting the image signal to said liquid crystal display, said spread spectrum unit being arranged between said liquid crystal display transmitter and said liquid crystal display.

6. The computer system of claim 5, said spread spectrum unit being installed on a clock signal line for transmitting the clock signal.

7. The computer system of claim 1, further comprising a liquid crystal display transmitter for transmitting the image signal to said liquid crystal display, said spread spectrum unit coupled with said liquid crystal display transmitter.

8. The computer system of claim 7, said spread spectrum unit being installed on a clock signal line for transmitting the clock signal.

9. An image processing method for a computer system, comprising the steps of:
converting an image signal provided from at least one of a central processing unit and a memory into a signal being displayed on a liquid crystal display according to a command signal from said central processing unit; and

5 modulating a frequency of a clock signal of said image signal within a predetermined
6 frequency range, said clock signal accommodating the transmitting of said command signal.

1 10. The image processing method of claim 9, said frequency modulating step linearly
2 modulating the frequency of the clock signal within the predetermined frequency range.

1 11. A method, comprising the steps of:
2 generating a clock signal for transmitting a command signal;
converting the image signal into a signal accommodating display of said image signal;
modulating a frequency of the clock signal within a predetermined frequency range after said
step of converting the image signal; and
displaying the image signal processed according to the command signal after modulating the
frequency of the clock signal.

1 12. The method of claim 11, further comprising the step of transmitting the image signal
2 for display, said step of modulating the frequency being between said steps of converting the image
3 signal and transmitting the image signal.

1 13. The method of claim 12, a clock signal line for transmitting the clock signal
2 accommodating said step of modulating the frequency.

1 14. The method of claim 11, further comprising the step of transmitting the image signal
2 for display after said step of converting the image signal and before said step of modulating the
3 frequency.

1 15. The method of claim 14, further comprising a clock signal line for transmitting the
2 clock signal accommodating said step of modulating the frequency.

16. An apparatus, comprising:
a display unit providing a variable video image;
a graphic processing unit converting an input signal into an image signal for display on said
display unit; and
a spread spectrum unit, provided between said graphic processing unit and said liquid crystal
display, and for modulating frequency of a clock signal.

1 17. The apparatus of claim 16, further comprising a display transmitter for transmitting
2 the image signal to said display, said spread spectrum unit being arranged between said graphic
3 processing unit and said display transmitter, and being installed on a clock signal line for
4 transmitting the clock signal.

1 18. The apparatus of claim 17, said spread spectrum unit modulating the frequency of the
2 clock signal by linearly increasing or decreasing the frequency of the clock signal.

1 19. The apparatus of claim 16, said spread spectrum unit being integrally formed with
2 either one of said graphic processing unit and said display transmitter.

1 20. The apparatus of claim 16, said spread spectrum unit being integrally formed with
2 said graphic processing unit.

1 21. The computer system of claim 16, said spread spectrum unit being integrally formed
2 with said display transmitter.

1 22. The apparatus of claim 16, further comprising a display transmitter for transmitting
2 the image signal to said display, said spread spectrum unit being arranged between said display
transmitter and said display.

1 23. The apparatus of claim 22, said spread spectrum unit being installed on a clock signal
2 line for transmitting the clock signal.

1 24. The apparatus of claim 16, further comprising a display transmitter for transmitting

2 the image signal to said display, said spread spectrum unit being coupled with said display
3 transmitter.

Shan
25. The apparatus of claim 24, said spread spectrum unit being installed on a clock signal
2 line for transmitting the clock signal.

09941623.083001